

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/591,095
Source: 1FWP
Date Processed by STIC: 9/12/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 09/12/2006

PATENT APPLICATION: US/10/591,095

TIME: 10:56:18

Input Set : A:\Final Sequence List-14546-00001-US.txt

Output Set: N:\CRF4\09122006\J591095.raw

```

3 <110> APPLICANT: Frankard, Valerie
5 <120> TITLE OF INVENTION: Plants having increased yield and method for making the same
7 <130> FILE REFERENCE: 14546-00001-US
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/591,095
C--> 9 <141> CURRENT FILING DATE: 2006-08-29
9 <150> PRIOR APPLICATION NUMBER: PCT/EP2005/050874
10 <151> PRIOR FILING DATE: 2005-03-01
12 <150> PRIOR APPLICATION NUMBER: EP 04100841.5
13 <151> PRIOR FILING DATE: 2004-03-01
15 <150> PRIOR APPLICATION NUMBER: US 60/550,918
16 <151> PRIOR FILING DATE: 2004-03-05
18 <160> NUMBER OF SEQ ID NOS: 5
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 1256
24 <212> TYPE: DNA
25 <213> ORGANISM: Arabidopsis thaliana
27 <400> SEQUENCE: 1
28 atggaacagc cgaagaaaagt tgctgatagg tatctaaagc gagaggttct tgggtcaaggt      60
30 acttatggag tcgtcttcaa agctactgat acaaagaatg gagaaactgt agcgatcaag      120
32 aaaataagac ttggttaaaga gaaagaaggt gtgaatgtaa cagctcttag agaaatcaaa      180
34 ttacttaaag agcttaagca tccacatata attgagttga ttgatgcgtt tcctcacaag      240
36 gagaatttgc acatcgtgtt tgagttcatg gagactgatc tcgaagcagt tatccgagat      300
38 cgtaatctct atctttcgcc tggatgatgtc aaatcttacc tccaaatgat attgaaaggt      360
40 cttgaatatt gccatggcaa atgggttctg cacagagata tgaagccaaa caacttggtg      420
42 ataggaccca atggacagct gaaacttgca gattttgggt tagcacgtat atttggtagc      480
44 ccaggtcgta agtttaccga ccaggtgttt gctagatggg atagagcacc tgaacttttg      540
46 tttggtgcaa aacaatatga tgggtgcagt gatgtttggg ctgctggctg catttttgct      600
48 gaacttctat tacgcagacc atttcttcag ggaaacagtg atattgatca attaagcaaa      660
50 atctttgctg cctttgggac tccaaaagca gatcagtggc ctgacatgat ctgccttcct      720
52 gattatgtag agtatcaatt tgtccctgct ccttctttac gttctttact cccaacgggt      780
54 agtgaggatg ctttagattt gttgtcaaag atgttcacct atgaccccaa gtctagaata      840
56 tcgattcagc aggctctaaa acacaggtag ttcacatctg caccttcacc tactgaccct      900
58 ttaaagctcc caagaccagt ttccaagcaa gatgctaagt catctgatag taaacttgaa      960
60 gccattaaag tgctgtcacc agcacataag tttagaagag tgatgcctga ccgaggaaag      1020
62 tctggtaatg gtttcaagga ccagagtgtt gatgtcatga gacaagctag ccatgatgga      1080
64 caagcaccaa tgtctttaga tttcaccatc ttagctgagc ggccaccaa cgcaccaacc      1140
66 atcaccagtg cagatagatc tcatctgaag aggaaacttg atctcgagtt cctataggat      1200
68 atcgcgtaac aggcttcttc ttgacgtcgt tcttcagggt cctatagcct atagga      1256
71 <210> SEQ ID NO: 2
72 <211> LENGTH: 398
73 <212> TYPE: PRT
74 <213> ORGANISM: Arabidopsis thaliana

```

RAW SEQUENCE LISTING

DATE: 09/12/2006

PATENT APPLICATION: US/10/591,095

TIME: 10:56:18

Input Set : A:\Final Sequence List-14546-00001-US.txt

Output Set: N:\CRF4\09122006\J591095.raw

76 <400> SEQUENCE: 2

```

78 Met Glu Gln Pro Lys Lys Val Ala Asp Arg Tyr Leu Lys Arg Glu Val
79 1 5 10 15
82 Leu Gly Gln Gly Thr Tyr Gly Val Val Phe Lys Ala Thr Asp Thr Lys
83 20 25 30
86 Asn Gly Glu Thr Val Ala Ile Lys Lys Ile Arg Leu Gly Lys Glu Lys
87 35 40 45
90 Glu Gly Val Asn Val Thr Ala Leu Arg Glu Ile Lys Leu Leu Lys Glu
91 50 55 60
94 Leu Lys His Pro His Ile Ile Glu Leu Ile Asp Ala Phe Pro His Lys
95 65 70 75 80
98 Glu Asn Leu His Ile Val Phe Glu Phe Met Glu Thr Asp Leu Glu Ala
99 85 90 95
102 Val Ile Arg Asp Arg Asn Leu Tyr Leu Ser Pro Gly Asp Val Lys Ser
103 100 105 110
106 Tyr Leu Gln Met Ile Leu Lys Gly Leu Glu Tyr Cys His Gly Lys Trp
107 115 120 125
110 Val Leu His Arg Asp Met Lys Pro Asn Asn Leu Leu Ile Gly Pro Asn
111 130 135 140
114 Gly Gln Leu Lys Leu Ala Asp Phe Gly Leu Ala Arg Ile Phe Gly Ser
115 145 150 155 160
118 Pro Gly Arg Lys Phe Thr His Gln Val Phe Ala Arg Trp Tyr Arg Ala
119 165 170 175
122 Pro Glu Leu Leu Phe Gly Ala Lys Gln Tyr Asp Gly Ala Val Asp Val
123 180 185 190
126 Trp Ala Ala Gly Cys Ile Phe Ala Glu Leu Leu Leu Arg Arg Pro Phe
127 195 200 205
130 Leu Gln Gly Asn Ser Asp Ile Asp Gln Leu Ser Lys Ile Phe Ala Ala
131 210 215 220
134 Phe Gly Thr Pro Lys Ala Asp Gln Trp Pro Asp Met Ile Cys Leu Pro
135 225 230 235 240
138 Asp Tyr Val Glu Tyr Gln Phe Val Pro Ala Pro Ser Leu Arg Ser Leu
139 245 250 255
142 Leu Pro Thr Val Ser Glu Asp Ala Leu Asp Leu Leu Ser Lys Met Phe
143 260 265 270
146 Thr Tyr Asp Pro Lys Ser Arg Ile Ser Ile Gln Gln Ala Leu Lys His
147 275 280 285
150 Arg Tyr Phe Thr Ser Ala Pro Ser Pro Thr Asp Pro Leu Lys Leu Pro
151 290 295 300
154 Arg Pro Val Ser Lys Gln Asp Ala Lys Ser Ser Asp Ser Lys Leu Glu
155 305 310 315 320
158 Ala Ile Lys Val Leu Ser Pro Ala His Lys Phe Arg Arg Val Met Pro
159 325 330 335
162 Asp Arg Gly Lys Ser Gly Asn Gly Phe Lys Asp Gln Ser Val Asp Val
163 340 345 350
166 Met Arg Gln Ala Ser His Asp Gly Gln Ala Pro Met Ser Leu Asp Phe
167 355 360 365
170 Thr Ile Leu Ala Glu Arg Pro Pro Asn Arg Pro Thr Ile Thr Ser Ala
171 370 375 380

```

RAW SEQUENCE LISTING

DATE: 09/12/2006

PATENT APPLICATION: US/10/591,095

TIME: 10:56:19

Input Set : A:\Final Sequence List-14546-00001-US.txt

Output Set: N:\CRF4\09122006\J591095.raw

```

174 Asp Arg Ser His Leu Lys Arg Lys Leu Asp Leu Glu Phe Leu
175 385                      390                      395
178 <210> SEQ ID NO: 3
179 <211> LENGTH: 2193
180 <212> TYPE: DNA
181 <213> ORGANISM: Oryza sativa
183 <400> SEQUENCE: 3
184 aatccgaaaa gtttctgcac cgttttcacc ccctaactaa caatataggg aacgtgtgct      60
186 aaatataaaa tgagacctta tatatgtagc gctgataact agaactatgc aagaaaaaact      120
188 catccaccta ctttagtggc aatcgggcta aataaaaaaag agtcgctaca ctagtttcgt      180
190 tttccttagt aattaagtgg gaaaatgaaa tcattattgc ttagaatata cgttcacatc      240
192 tctgtcatga agttaaatta ttcgaggtag ccataattgt catcaaactc ttcttgaata      300
194 aaaaaatctt tctagctgaa ctcaatgggt aaagagagag atttttttta aaaaaataga      360
196 atgaagatat tctgaacgta ttggcaaaga tttaaacata taattatata attttatagt      420
198 ttgtgcattc gtcatatcgc acatcattaa ggacatgtct tactccatcc caatttttat      480
200 ttagtaatta aagacaattg acttattttt attatttatc ttttttcgat tagatgcaag      540
202 gtacttacgc acacactttg tgctcatgtg catgtgtgag tgcacctcct caatacacgt      600
204 tcaactagca acacatctct aatatcactc gcctatttaa tacatttagg tagcaatata      660
206 tgaattcaag cactccacca tcaccagacc acttttaata atatctaaaa taaaaaaat      720
208 aattttacag aatagcatga aaagtatgaa acgaactatt taggtttttc acatacaaaa      780
210 aaaaaaagaa ttttgctcgt gcgcgagcgc caatctccca tattgggcac acaggcaaca      840
212 acagagtggc tgcccacaga acaaccacaca aaaaacgatg atctaacgga ggacagcaag      900
214 tccgcaacaa ccttttaaca gcaggctttg cggccaggag agaggaggag aggcaaagaa      960
216 aaccaagcat cctcctcctc ccatctataa attcctcccc ccttttcccc tctctatata     1020
218 ggaggcatcc aagccaagaa gagggagagc accaaggaca cgcgactagc agaagccgag     1080
220 cgaccgcctt cttogatcca tatcttcggg tcgagttctt ggtcgatctc ttccctcctc     1140
222 cacctcctcc tcacagggta tgtgcccttc ggttggtctt ggatttattg ttctaggttg     1200
224 tgtagtacgg gcgttgatgt taggaaaggg gatctgtatc tgtgatgatt cctgttcttg     1260
226 gatttgggat agagggggtc ttgatgttgc atgttatcgg ttcggtttga ttagtagtat     1320
228 ggttttcaat cgtctggaga gctctatgga aatgaaatgg tttagggtag ggaatcttgc     1380
230 gattttgtga gtaccttttg tttgaggtaa aatcagagca ccggtgattt tgcttggtgt     1440
232 aataaaaagta cggttgtttg gtcctcgatt ctggtagtga tgcttctcga tttgacgaag     1500
234 ctatcctttg tttattccct attgaacaaa aataatccaa ctttgaagac ggtcccgttg     1560
236 atgagattga atgattgatt cttaagcctg tccaaaattt cgcagctggc ttgtttagat     1620
238 acagtagtcc ccatacagaa attcatggaa acagttataa tcctcaggaa caggggattc     1680
240 cctgttcttc cgatttgctt tagtcccaga attttttttc ccaaatatct taaaaagtca     1740
242 ctttctgggt cagttcaatg aattgattgc tacaaataat gcttttatag cgttatccta     1800
244 gctgtagttc agttaatagg taataccctt atagtttagt caggagaaga acttatccga     1860
246 tttctgatct ccatttttaa ttatatgaaa tgaactgtag cataagcagt attcatttgg     1920
248 attatttttt ttattagctc tcaccccttc attattctga gctgaaagtc tggcatgaac     1980
250 tgtcctcaat tttgttttca aattcacatc gattatctat gcattatcct cttgtatcta     2040
252 cctgtagaag tttctttttg gttattcctt gactgcttga ttacagaaag aaatttatga     2100
254 agctgtaatc gggatagtta tactgcttgt tcttatgatt catttccttt gtgcagttct     2160
256 tgggtgtagc tgccactttc accagcaaag ttc
259 <210> SEQ ID NO: 4
260 <211> LENGTH: 53
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial sequence
264 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 09/12/2006

PATENT APPLICATION: US/10/591,095

TIME: 10:56:19

Input Set : A:\Final Sequence List-14546-00001-US.txt

Output Set: N:\CRF4\09122006\J591095.raw

265 <223> OTHER INFORMATION: primer prm2676
267 <400> SEQUENCE: 4
268 ggggacaagt ttgtacaaaa aagcaggctt cacaatggaa cagccgaaga aag 53
271 <210> SEQ ID NO: 5
272 <211> LENGTH: 53
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: primer prm2677
279 <400> SEQUENCE: 5
280 ggggaccact ttgtacaaga aagctgggtc ctataggaac tcgagatcaa gtt 53

VERIFICATION SUMMARY

DATE: 09/12/2006

PATENT APPLICATION: US/10/591,095

TIME: 10:56:20

Input Set : A:\Final Sequence List-14546-00001-US.txt

Output Set: N:\CRF4\09122006\J591095.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date